

CUMULATIVE TABLE OF CONTENTS, VOLUME 19

Number 1

Hepatocyte Transplantation and Liver-directed Gene Therapy

Jayanta Roy Chowdhury, M.D., M.R.C.P.

Foreword: Prospects of Liver Cell Transplantation and Liver-directed**Gene Therapy**, Jayanta Roy Chowdhury, M.D., M.R.C.P.**Principles of Therapeutic Liver Repopulation**, Markus Grompe, M.D., Ezio Laconi, M.D., and David A. Shafritz, M.D.**Mechanisms of Cell Engraftment During Liver Repopulation with Hepatocyte Transplantation**, Sanjeev Gupta, M.D., Kuldeep K. Bhargava, Ph.D., and Phyllis M. Novikoff, Ph.D.**Retroviral Vectors for Liver-directed Gene Therapy**, Ganjam V. Kalpana, Ph.D.**Hepatocyte Transplantation for the Treatment of Human Disease**, Stephen C. Strom, Ph.D., Jayanta Roy Chowdhury, M.D., M.R.C.P., and Ira J. Fox, M.D.**Adenovirus-mediated Gene Therapy of Liver Diseases**, Yaron Ilan, M.D., Hidetsugu Saito, M.D., Narsing R. Thummala, M.D., and Namita Roy Chowdhury, Ph.D.**Hepatic Gene Therapy Using Adeno-associated Virus Vectors**, Gijbert A. Patijn, M.D., and Mark A. Kay, M.D., Ph.D.**Gene Delivery to the Liver Using Simian Virus 40-derived Vectors**, David S. Strayer and Mark A. Zern**Hepatocyte-directed Gene Delivery by Receptor-mediated Endocytosis**, Robert M. Smith, B.S., and George Y. Wu, M.D., Ph.D.**Gene Repair Using Chimeric RNA/DNA Oligonucleotides**, Betsy T. Kren, Ph.D., Richard Metz, Ph.D., Ramesh Kuma, Ph.D., and Clifford J. Steer, M.D.**Book Reviews**, Franklin M. Klon, M.D.

Number 2

Cytokines in Liver Injury and Repair

Marion Peters, M.D.

Foreword, Marion Peters, M.D.**Cytokines: Overview**, Jacquelyn J. Maher, M.D.**Transcriptional Regulatory Signals Define Cytokine-dependent and -independent Pathways in Liver Regeneration**, Rebecca Taub, M.D., Linda E. Greenbaum, M.D., and Yong Peng, M.D., Ph.D.**Cytokines and Fibrogenesis**, Scott L. Friedman, M.D.**Cytokines and the Hepatic Acute Phase Response**, G. Ramadori, M.D., and B. Christ, Ph.D.**Cytokines in Viral Hepatitis**, Margaret James Koziel, M.D.**Role of Cytokines and Cytokine-producing Cells in Reperfusion Injury to the Liver**, Steven N. Lichtman, M.D. and John J. Lemasters, M.D.**Transplantation and Cytokines**, Ginny L. Bumgardner, M.D., Ph.D. and Charles G. Orosz, Ph.D.**Cytokines in Alcoholic Liver Disease**, Craig J. McClain, M.D., Shirish Barve, Ph.D., Ion Deaciuc, Ph.D., Marcelo Kugelmass, M.D., and Daniell Hill, M.D.**Nonalcoholic Steatohepatitis**, Anne Mae Diehl, M.D.**Book Reviews**, Franklin M. Klon, M.D.

Number 3

Hepatocellular Carcinoma

Kunio Okuda, M.D., Ph.D. and Jack R. Wands, M.D.

Editorial. Identifying Potential Conflicts of Interest in Commercially**Sponsored Research: Establishing a Policy for Acceptable Standards of Disclosure**, Paul D. Berk, M.D., F.A.C.P., F.A.C.G. and Brian D. Scanlan**Foreword**, Jack R. Wands, M.D. and Kunio Okuda, M.D., Ph.D.**Genetic Aspects of Hepatocellular Carcinogenesis**, Mehmet Ozturk, Ph.D.**Mouse Liver Tumorigenesis: Models, Mechanisms, and Relevance to Human Disease**, Nelson Fausto, M.D.**Hepatitis B Virus Infection and Hepatocellular Carcinoma: Molecular Genetics and Clinical Perspectives**, Pei-Jer Chen, M.D., Ph.D. and Ding-Shinn Chen, M.D.**Hepatitis C Virus and Hepatocellular Carcinoma**, Massimo Colombo, M.D.**Epidemiology of Primary Liver Cancer**, F. Xavier Bosch, Josepa Ribes, and Joan Borràs**Histopathologic Evolution of Hepatocellular Carcinoma with Special Reference to Small Early Stage Tumors**, Masamichi Kojiro, M.D. and Osamu Nakashima, M.D.**Imaging Diagnosis of Hepatocellular Carcinoma and****Premalignant/Borderline Lesions**, Masatoshi Kudo, M.D., Ph.D.**Liver Transplantation for Hepatocellular Carcinoma**, Henri Bismuth, M.D., Pietro E. Majno, M.D., F.R.C.S. (ENG), and René Adam, M.D., Ph.D.**Local Ablation Therapy for Hepatocellular Carcinoma**, Shuichi Okada, M.D., Ph.D.**Prognosis of Hepatocellular Carcinoma: The BCLC Staging Classification**,

Josep M. Llovet, M.D., Concepció Brú, M.D., and Jordi Bruix, M.D.

A 42-Year-Old Woman with Liver Masses and Long-Term Use of Oral Contraceptives, Ming Q. Ye, M.D., Arief Suriawinata, M.D., Menahem Ben Haim, M.D., Rosaleen Parsons, M.D., and Myron E. Schwartz, M.D.**Erratum- Combination Therapy with Interferon Plus Ribavirin for the Initial Treatment of Chronic Hepatitis C**, John G. McHutchinson, M.D. and Thierry Poynard, M.D., Ph.D.

Number 4

Pathophysiology and Management of Portal Hypertension

Jaime Bosch, M.D.

Foreword, Jaime Bosch, M.D.**Liver Microvascular Architecture: An Insight into the Pathophysiology of Portal Hypertension**, Wichai Ekataksin, M.D., Ph.D. and Kenji Kaneda, M.D., Ph.D.**Regulation of Sinusoidal Perfusion: In Vivo Methodology and Control by Endothelins**, Mark G. Clemens, Ph.D. and Jian X. Zhang, Ph.D.**Biology of the Hepatic Stellate Cells and Their Possible Relevance in the Pathogenesis of Portal Hypertension in Cirrhosis**, Massimo Pinzani, M.D., Ph.D. and Paolo Gentilini, M.D.**Nitric Oxide and Portal Hypertension: Its Role in the Regulation of Intrahepatic and Splanchnic Vascular Resistance**, Reiner Wiest, M.D. and Roberto J. Groszmann, M.D.**Influence of Pharmacological Agents on Portal Hemodynamics: Basis for Its Use in the Treatment of Portal Hypertension**, Juan Carlos García-Pagán, M.D., Angels Escorsell, M.D., Eduardo Moitinho, M.D., and Jaime Bosch, M.D.**Endoscopic Treatments for Portal Hypertension**, Roberto de Franchis, M.D. and Massimo Primignani, M.D.**The Transjugular Intrahepatic Portosystemic Shunt**, Andrew K. Burroughs, M.B., Ch.B., Hons F.R.C.P. and David Patch, M.B., B.S., M.R.C.P.P.**Pharmacological Treatment of Portal Hypertension: An Evidence-Based Approach**, Gennaro D'Amico, M.D., Luigi Pagliaro, M.D., and Jaime Bosch, M.D.**CME Information and Questions****Author Index****Cumulative Table of Contents**

Supplement 1

Treatment Advances in Chronic Hepatitis C

Adrian M. Di Bisceglie, M.D.

Foreword: Advances in the Treatment of Chronic Hepatitis C, Adrian M. Di Bisceglie, M.D.**New Perspectives in the Diagnosis of Hepatitis C**, Eugene R. Schiff, M.D., F.A.C.P., F.R.C.P., Maria de Medina, M.S.P.H., and Rizwana S. Khan, M.D.**The Clinical Pharmacology of Ribavirin**, Paul Glue, M.D., Ph.D.**Use of High-Dose Interferon in the Treatment of Chronic Hepatitis C**, Mitchell L. Shiffman, M.D.**Standards of Treatment in Chronic Hepatitis C**, Robert G. Gish, M.D.**Combination Therapy With Interferon alfa and Ribavirin as Retreatment of Interferon Relapse in Chronic Hepatitis C**, Gary L. Davis, M.D.**Combination Therapy With Interferon Plus Ribavirin for the Initial Treatment of Chronic Hepatitis C**, John G. McHutchinson, M.D., and Thierry Poynard, M.D., Ph.D.**Safety of Combination Interferon alfa-2b/Ribavirin Therapy in Chronic Hepatitis C Relapsed and Treatment-Naïve Patients**, Willis C. Maddrey, M.D.**Sustained Virologic Response Is Associated With Improved Health-Related Quality of Life in Relapsed Chronic Hepatitis C Patients**, Maureen P. Neary, Ph.D., Susannah Cort, M.D., Martha S. Bayliss, M.Sc., and John E. Ware, Jr., Ph.D.**Activity of Combination Therapy With Interferon alfa-2b Plus Ribavirin in Chronic Hepatitis C Patients Co-infected With HIV**, Douglas T. Dieterich, M.D., Joshua M. Puro, M.D., and Roshini Rajapaksa, M.D.**The Roles of Amantadine, Rimantadine, Ursodeoxycholic Acid, and NSAIDs, Alone or in Combination With Alpha Interferons, in the Treatment of Chronic Hepatitis C**, Zobair M. Younossi, M.D., M.P.H., and Robert P. Perrillo, M.D.**Future Options for the Management of Hepatitis C**, Gary L. Davis, M.D., David R. Nelson, M.D., and Gregory R. Reyes, M.D., Ph.D.